

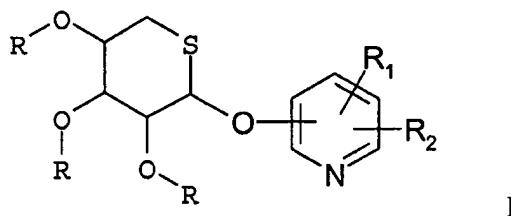
Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Previously Presented) Thioxylose compounds, wherein the compounds are selected from:

a) the compounds of the formula



in which:

– the pentapyranosyl group is a 5-thio- β -D-xylopyranosyl group or a 5-thio- β -L-xylopyranosyl group,

– R is a hydrogen atom, a C₂-C₆ acyl group, an acetyl group substituted by a nitrogen heterocycle, or a group -COOR',

– R₁ and R₂ independently of one another are each a hydrogen atom, a halogen atom, a cyano, nitro or trifluoromethyl group, a C₁-C₄ alkyl group optionally substituted by an aromatic ring, a group -COOR', a group -CH₂-NR'R'', a C₁-C₄ alkoxy group, a group -NH-CO-R' or a group -NH-SO₂-R', and

– R' and R'' independently are each a C₁-C₄ alkyl group; and

b) their addition salts, oxides or quaternary ammonium salts.

2. (Previously Presented) Compound according to claim 1, wherein the pentapyranosyl group is a 5-thio- β -D-xylopyranosyl group or a 5-thio- β -L-xylopyranosyl group,

R is a hydrogen atom, a C₂-C₆ acyl group or a group -COOR',

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R' is a C₁-C₃ alkyl group, and

R₁ and R₂ independently of one another are each a hydrogen atom, a halogen atom, a cyano, nitro or trifluoromethyl group or a C₁-C₄ alkyl group optionally substituted by an aromatic ring.

3. (Previously Presented) Compound according to claim 1, wherein the pentapyranosyl group is the 5-thio-β-D-xylopyranosyl group.

4. (Previously Presented) Compound according to claim 1, wherein the pentapyranosyl group is in the 3-position of the pyridine heterocycle.

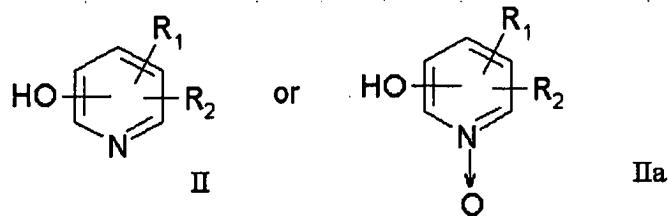
5. (Previously Presented) Compound according to claim 1, wherein R₁ and R₂ are a hydrogen atom.

6. (Previously Presented) Compound according to claim 1, wherein R is a hydrogen atom.

7. (Previously Presented) Compound according to claim 1, wherein R is a group -COCH₃, a group -COOCH₃ or a group -COOC₂H₅.

8. (Previously Presented) Process for the manufacture of a compound according to claim 1, wherein the process comprises:

a) reacting a pyridinol of the formula



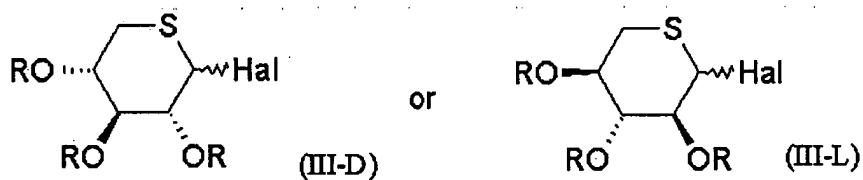
in which:

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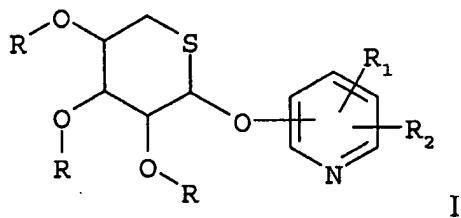
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– R₁ and R₂ independently of one another are each a hydrogen atom, a halogen atom, a cyano, nitro or trifluoromethyl group, a C₁-C₄ alkyl group optionally substituted by an aromatic ring, a group -COOR', a group -CH₂-NR'R'', a C₁-C₄ alkoxy group, a group -NH-CO-R' or a group -NH-SO₂-R', and

– R' and R'' independently are each a C₁-C₄ alkyl group,
with a 5-thioxylopyranose derivative of the formula

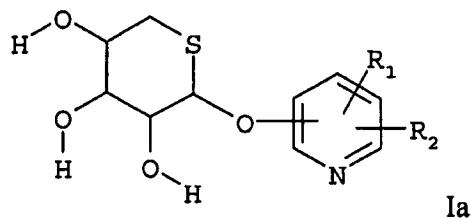


in which Hal is a halogen, preferably bromine, and R is a C₂-C₆ acyl group, in an aprotic solvent, in the presence of a silver salt or a zinc salt, in an anhydrous medium, at a temperature of between 25 and 80°C, for 1 to 10 hours, to give the compound of formula I or the corresponding N-oxide:



in which the pentapyranose group is D- or L-5-thioxylopyranose and R, R₁ and R₂ are as defined in the starting compounds;

b) if necessary, reacting the compound of formula I obtained above with a solution of ammonia in methanol to give the compound of the formula

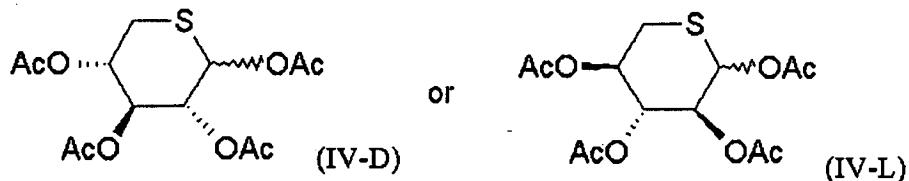


in which R₁ and R₂ are as defined above; and

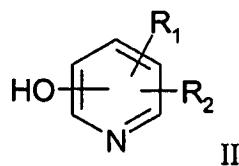
- c) if necessary, reacting one of the compounds obtained above, I or Ia, with an acid to give the corresponding addition salt; or
- d) if necessary, reacting one of the compounds obtained above, of formula I or Ia, with an organic halide to give the corresponding ammonium salt.

9. (Previously Presented) Process for the manufacture of a compound according to claim 1, wherein the process comprises:

- a) reacting the tetra-O-acetyl-5-thioxylopyranose of the formula:



in which Ac is the acetyl group, with a compound of the formula



in which:

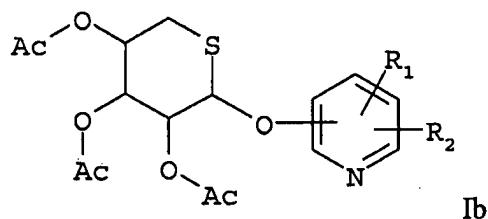
- R₁ and R₂ independently of one another are each a hydrogen atom, a halogen atom, a cyano, nitro or trifluoromethyl group, a C₁-C₄ alkyl group optionally substituted by an aromatic

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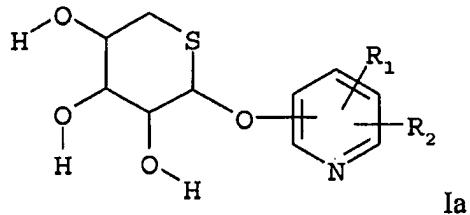
ring, a group -COOR', a group -CH₂-NR'R'', a C₁-C₄ alkoxy group, a group -NH-CO-R' or a group -NH-SO₂-R', and

– R' and R'' independently are each a C₁-C₄ alkyl group,
in an aprotic solvent, in the presence of a catalyst of the Lewis acid type, at a temperature of between 20 and 60°C, for 1 to 2 hours, to give the compound of the formula



in which R₁ and R₂ are as defined in the starting compounds;

b) if necessary, reacting the compound of formula I obtained above with sodium methylate in methanol to give the compound of the formula



in which R₁ and R₂ are as defined above; and

c) if necessary, reacting one of the compounds obtained above, I or Ia, with an acid to give the corresponding addition salt.

10. (Previously Presented) Compound according to claim 1, wherein the compound is a drug.

11. (Cancelled)

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12. (New) Method for treating thromboses in a patient in need thereof, said method comprising administering to said patient a therapeutically effective amount of a compound according to claim 1.

13. (New) The method according to claim 12, wherein the thromboses comprises venous thromboses.